**Capstone Project Submission**

**Instructions:**

i) Please fill in all the required information.

ii) Avoid grammatical errors.

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| **Team Member’s Name, Email and Contribution (Ignore if worked individually):** |
| Done solely by me.  Name: Niranjan T M  Email: [niranjantm35@gmail.com](mailto:niranjantm35@gmail.com) |
| **Please paste the GitHub Repo link.** |
| <https://github.com/niranjantm/FlashCard_Project/tree/main/flashcard-app> |
| **Please paste the weblink to deployment.** |
| <https://flashcard-1v48.onrender.com/> |
| **Please paste the link to the video demonstration of the project.** |
| <https://youtu.be/_gHkNg2aJxI> |

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| **Please write a short summary of your Capstone project and its components.**  **Describe the problem statement, your approaches and your conclusions. (200-**  **400 words)** |
| **Title**: Flashcard Generator  My project name is Flashcard Generator which is a frontend project which uses react to back it up. In this this project user is allowed to create flashcards according to his or her choice. The created flashcards are then stored in a deck. To create a flashcard user has to first fill the name of the deck, give description to the deck and has to upload a image of the deck. After creating a deck user is allowed to create flashcards by entering the flashcard name, description and image which are stored in the respective deck.  **There are three main components in this project:**   * CreateNew Component * Myflashcards Component * FlashCardDetail Component   **CreateNew Component**  This component is the home page of this project which allows the user to create flashcards.  **Myflashcards Component**  This component is used to render decks of the flashcards which are created by the user.  **FlashCardDetail Component**  This component is used to render individual deck to provide details about flashcards which present in the particular deck.  Some of the problems faced during the creation of this project are  **State Management:**  While creating the form to get flashcard details it was kind a difficult to maintain states for all form input field. After learning formik a react library from online resources, now which is used maintain form state. It has become easy to maintain all form input states.  **Responsiveness:**  I have used css before to make pages responsive but using tailwind to make pages responsive was first time for me so it took me some time to understand how breakpoints work in tailwind css.  **Creating a Carousel:**  I created a carousel for the first time for this project, which kind of confusing at first to set images of different sizes between a div tag but after learning some basics from the internet it became easy and doable.  **Redux Store:**  Maintaining the state from parent to child or vice versa was a tedious process, but after learning about redux store which is used to maintain states through out the project file it became easy access the states from any file. |